

MII

Users Association of America

c/o Gady-McGrath International • 8580 Cinderbed Rd. Ste 1000 • Newington, VA 22122
(800) 966-1030 • (703) 339-8500 • Fax (703) 339-0764



MII Playback

Monthly Newsletter of the MII Users Association of America

February 1992

Vol. 1, No. 11

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MII Users Association of America
c/o GMG International Inc.
8580 Cinderbed Rd, Suite 1000
Newington, VA 22122



Commentary from the Executive Director

"OUR MISSION AT NAB"

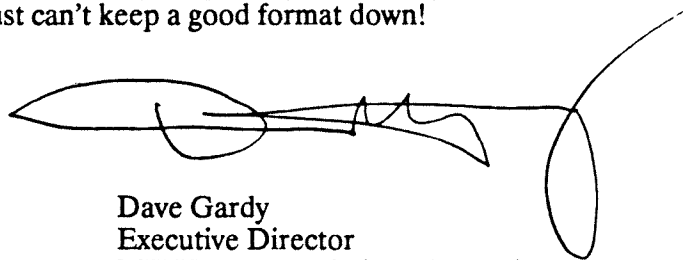
This issue presents a preliminary schedule of association activities and events at NAB '92. We have been warming up for months for NAB through activities such as ITVA and INFOCOMM, and we plan to take full advantage of the opportunity to make the industry aware of the presence of MII in facilities across America during this national exposition.

We've discussed MII Industry awareness at some length... most recently concerning a trade journal that neglected to mention the MII format (which generated an onslaught of similar stories from other users). NAB is one major way to get the word out to prevent those journalistic oversights. All attending users can help in this effort and we sincerely appreciate the volunteers who have come forward to assist us for NAB '92. Even those users who aren't attending can help by encouraging other industry professionals or press contacts attending from their regions to stop by the booth to find out about our activities. (If anyone is interested in referring new or potential members for sign-up at the show, please call Debbie at headquarters in advance so we'll be ready with a welcome package).

Our presence at these shows, and the image of an MII army of believers wearing membership buttons on the exhibit floor, has made many sit up and take notice... even "the other guys". Just before the INFOCOMM Show opened its doors, I was quite amazed to see a cadre of six or seven Sony-badged executives bee-line across the exhibit floor to take a look at our MII Users booth. They huddled together in front of the booth, discussing the display in Japanese at some length. They smiled, took a few notes and returned, reconnaissance mission completed. It was nice to know we had concerned them, but the real value of our presence at these shows is the manufacturers, peripheral component vendors, distributors and trade press contacts that stop by to find out how big the MII market really is, how fast its growing, and how the association can serve as an information forum for disseminating data on equipment interface, duplication facilities, etc. This is important, since prior to the MII resurgence, many manufacturers and service providers had looked upon the market as too small to be concerned about. Now, with the number of facilities in the users association alone, many manufacturers' representatives are more than happy to take the calls from an MII user interested in interfacing with the rep's edit controller, etc.

The "presence" facet of our NAB participation further encourages others who are considering the purchase of MII to make the move. If you know some one like this, or if you meet somebody on the floor who's considering the purchase of MII, send them our way. We have found that these potential customers are very interested to hear from other users about their experience and we've been more than happy to serve the role of testimonial provider.

Finally the NAB '92 will serve as a western session of the "Users Day" we had on the east coast in October 1991. We look forward to seeing the users during the booth activities, golf tournament, membership meeting and reception, in addition to tete a tete sessions with Panasonic representatives. MII Man will be on hand in person to meet all attending members and provide them with free MII coffee mugs. We hope that with your participation, every NAB '92 attendee will walk away with the conclusion that you just can't keep a good format down!



Dave Gardy
Executive Director
MII Users Association of America

Editors note: You can reach the association at (800)966-1030, (703)339-8500, fax (703) 339-0764 or by mail: MII Users Association of America, c/o Gardy-McGrath Int'l Inc., 8580 Cinderbed Rd, Suite 1000, Newington, VA 22122

WE JOIN MII MAN AT THE MII USERS HEADQUARTERS, BUSILY PREPARING FOR THE MII USERS PARTICIPATION IN NAB '92.....

THAT OUGHTA JUST ABOUT DO IT! JUST IN TIME FOR THE PRESS CONFERENCE

PARADISE FOR NAB - GOLF CLUBS, INCUBATORS, DEVICES, ETC.

VEGAS OR BUST

MII US OF AM

MEANWHILE OUTSIDE USER HEADQUARTERS, THE TRADE PRESS ANXIOUSLY AWAITS OUR HERO -

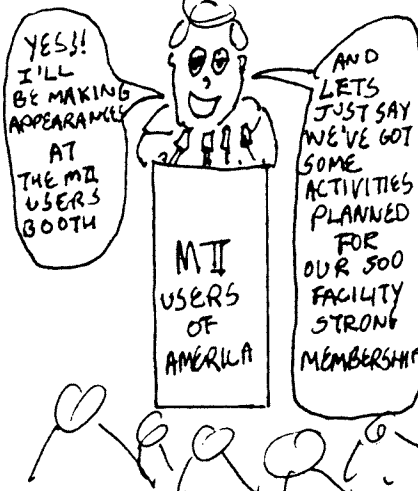
GOOD AFTERNOON, LADIES AND GENTLEMEN!



MII USERS OF AMERICA



IS IT TRUE THAT YOU'LL BEAT NAB IN PERSON, LEADING AN ARMY OF MII BELIEVERS??



YES!! I'LL BE MAKING APPEARANCES AT THE MII USERS BOOTH

MII USERS OF AMERICA

AND LETS JUST SAY WE'VE GOT SOME ACTIVITIES PLANNED FOR OUR 500 FACILITY STRONG MEMBERSHIP



NO COMMENT!

WILL YOU BE EXPOSING YOUR COMPETITORS NEW FORMAT LINE FOR THE FARE THAT IT IS??

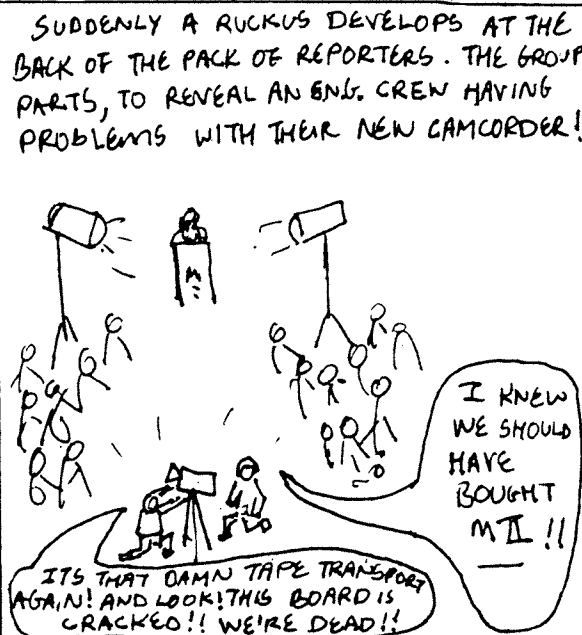
MII USERS OF AMERICA



(OBTAIN SOUND BYTE OPPORTUNITY)

OUR JOB WILL BE TO LET THE TRUTH BE KNOWN...THAT MII IS THE BEST AND MOST COST-EFFECTIVE FORMAT!! THAT WE BELIEVE! AND THAT THE MII RENAISSANCE IS REAL!

MII USERS OF AMERICA



SUDDENLY A RUCKUS DEVELOPS AT THE BACK OF THE PACK OF REPORTERS. THE GROUP PARTS, TO REVEAL AN ENG. CREW HAVING PROBLEMS WITH THEIR NEW CAMCORDER!

I KNEW WE SHOULD HAVE BOUGHT MII!!

ITS THAT DAMN TAPE TRANSPORT AGAIN! AND LOOK! THIS BOARD IS CRACKED!! WE'RE DEAD!!



THANK-YOU, LADIES AND GENTLEMEN. THE USERS ASSOCIATION LOOKS FORWARD TO SEEING EVERYONE AT NAB '92

MII USERS

Letters to the Editor

To: Debbie Stafford; MII Users Association
From: George Phelps, Pres., A Aachen Productions
Date: 2/24/92
RE: Newtek Toaster 2.0

It was a pleasure speaking with you today and as I mentioned I have an interesting bit of news that needs to be told to the MII membership. Please reprint this letter if you find my observations to be correct. I was probably the first individual in Miami to acquire the Toaster, only the Beta testers were ahead of me. I was pleased with Newtek until I got their new 2.0 version. Once again I was the first Kid on the block to get the updated toys. Here's where the honeymoon ended. Newtek did not tell us all that we needed to know, all that we would like to know and all that we deserved to know. The Toaster 2.0 version will not work in the Amiga unless you have a 52 meg hard drive. I wish I had known that. Secondly, Newtek did not mention that some of the new DVE's could really use an accelerator board to make them presentable. The revolving sphere and other DVEs only move very slowly without the accelerator board and I don't find them useful at slow speed.

An associate of mine tells me that 2.0 has another problem with the still stores on the previous not being compatible with those of 2.0. That problem I'm not personally experienced with. You may want to contact him at Air Time Design.

I spoke with Newtek's tech support today and explained my concerns and dissatisfaction with their lack of integrity as regards the fiduciary responsibility of Newtek to inform their clients about the requirements of 2.0.

Dear George,

Thank you for making us aware of this situation, I passed your letter on to Doug Vetter, of Gardy-McGrath Int'l, for his comments, they follow:

I sympathise with Mr. Phelps, and his points are well taken; however, this information was generally available in the Amiga/Video press before the actual 2.0 release. Also, to clarify the Framestore compatibility issue, 2.0 Framestores cannot be read in a 1.0 Toaster, but 1.0 Framestores can be read by 2.0 Toasters. (If necessary, files can be transferred between Toasters in the Amiga standard IFF format). In using either version of the Toaster, the benefits of an accelerator board and a large hard drive are well worth the additional expense.

Some additional comments: some of the new Switcher transitions are quite good, and are much more usable than the older ones. The same is true for some of the new fonts in the Character Generator. My primary use for the Toaster is in creating 3D graphics, and the new tools provided in Lightwave are greatly appreciated. Faster previewing modes, faster rendering, object importing capabilities, and a more flexible Modeler all make graphics construction easier.

I have called Newtek's technical support line several times with questions about the new software, and can honestly say that I have found them both helpful and courteous. A technician will usually answer the phone within one or two rings, and will most likely be able to answer your question right away.

All in all, even though the Video Toaster 2.0 update does require a more sophisticated computer, I personally feel that the added benefits are well worth the cost of making the upgrade.

Tentative NAB Schedule

Come visit us at the MII Users Association Booth-number 15685

Sunday April 12, 1992 - Booth Activities-Member & New Member check-in, Golf Tournament registration, Display of MII Users Awards winning videos, MII Man appearance.

Monday April 13, 1992 - Booth Activities-Member & New Member check-in, Display of MII Users Awards winning videos, MII Man appearance.
Golf Tournament-1-5pm Dessert Rose Golf Course

Tuesday April 14, 1992 - Booth Activities-Member & New Member check-in, Display of MII Users Awards winning videos, Golf Tournament playback, MII Man appearance .
MII Users Meeting-1-4pm, Reception (cocktails & hors d'oeuvres) 4-6pm Palace Station Hotel

Wednesday April 15, 1992 - Booth Activities-Member & New Member check-in, Display of MII Users Awards winning videos, *Meetings with Panasonic Representatives*

Thursday April 16, 1992 - Booth Activities-Member & New Member check-in, Display of MII Users Awards winning videos, *Meetings with Panasonic Representatives*

If you are interested in helping at the booth, or if you'd like further information about the Golf Tournament or the MII Users Meeting, give Debbie a call at (800)966-1030 or (703) 339-8500.

Panasonic Technical Bulletins Listing of Bulletins Available for the AU-630

The Association has obtained a set of Panasonic Technical Bulletins. We are in the process of cataloging all of these bulletins. Each month we will run the listing for another MII model until we have covered them all. This month it is the AU-630. Copies of the bulletins are available by submitting your written request to the association at:

MII Users Association of America
c/o GMG International Inc.
8580 Cinderbed Road, Suite 1000 or Fax (703) 339-0764
Newington, VA 22122 Attn: Debbie

Requests must be in writing and must include model number, bulletin number and subject covered. Also include your name and phone number (in case we have questions) and the complete mailing address for sending the copies to you. We will then send your copies out as soon as possible (we can fax them to you if necessary). If you are requesting those bulletins which apply to your machine, you must include the machines serial number.

Please note the following:

The Technical Support Division publishes Technical Bulletins for distribution to users of Panasonic broadcast equipment. Bulletins are distributed to aid in aligning, modifying and in servicing this equipment. The Technical Support Division Assumes no responsibility to pay for modifications, supply parts, exchange new production units for early production units or any obligation to upgrade existing products.

Bulletin #	Subject	SN
1	SW7 Short Prevention	First Prod.
7	Service Manual Correction Mechanical Chassis Assembly (3)	_____
10	Service Manual Correction Mechanical Chassis Assembly (1)	_____
11	Service Manual Correction Rear Service Assembly	_____
15	Service Manual Correction Board: S Mother (S-0:VEP86078B)	First Prod.
16	Service Manual Correction Board: S Mother, PB Amp & FM Audio, Audio 1, AT, Audio Main	First Prod.
17	Service Manual Correction Board: Audio 1 (S-6:VEP840780B)	First Prod.
48	Introduction of New Encoder P.C. Board	E9TNA0060

News Briefs

South Lake Tahoe, California

Wilderness Productions, produced a 19 minute video for world wide distribution for Porsche Cars North America. Shot on location in Northern Nevada for Dealerships all over the world. This is the second project for Porsche in 10 months. MII beat out Betacam SP on quality and cost value. Porsche Cars Tech Support is sold on MII!

Shot with a Panasonic 300CLE camera and Panasonic AU 500 Portable MII Deck and a JVC KY75 camera and a Panasonic AU 410S MII Camera Recorder. Posted in house with DSC 3D Illusion, 2D, and still store Toaster.

On March 2, 1992 Wilderness Productions starts producing the 92 Winter Special Olympic Games for PBS. This is the second time we have used Panasonic Equipment for the Winter Special Olympic Games. This will be a half hour program for PBS, produced on MII.

In addition to being a full service production company & local cable station, Wilderness Productions also has the capacity of 5000 dubs per day from MII, Betacam SP, 3/4 SP, S-VHS, VHS or 1". Wilderness Productions can be reached at (800) 874-7488 or in CA (916) 577-3008.

Chicago and Lombard, Illinois

Video Replay has added Panasonic MII equipment to its rental inventory and editing suites. MII will also be available for duplication.

Ron Norinsky, President of Video Replay will peak the interest of potential users by offering MII equipment, for rental and editing, at 3/4 inch rates... "We will be recommending MII particularly to clients whose projects require high quality, but have budget restraints. The bottom line is performance, and MII performs as well as Betacam SP. Producers should recognize that there isn't one format that can answer every communication challenge, and appreciate the quality and cost-effectiveness of MII."

They offer the following Panasonic equipment for rental: AU520 MII Portable, AU63 MII Studio Player w/AT, AU65 Studio Recorder/Player. For further information, contact Ron Norinsky at (312) 467-0425

MII Job Shop

A forum provided to the membership to publicize both employment opportunities and talent availability for MII expertise. If you are interested in offering your MII experience on the open market, or are looking for MII expertise to fill certain positions, we will publish your ad, anonymity protected if requested. Please send all employment opportunities, resume's, adcopy, etc. to the association.

This months offerings are: *Help Wanted Experienced MII Editor*, must be willing to relocate to the Washington, DC area, salary commensurate with experience. ref. #9202A

Experienced Amiga Graphic Artist, 2-D and 3-D Capability, familiar with MII desired, must be willing to relocate to the Washington, DC area, salary commensurate with experience. ref. #9202B

Send resumes and sample tapes to the Association, please state which position you are interested in. *All responses will be kept in strictest confidence.*

MII Duplication Facilities

If you are a duplicator, or if your facility does duplication in addition to its other services, and you are an MII User. The Association needs to know about it. Recently, we have been swamped with inquiries regarding MII Duplication. We'd like to compile a listing of MII Duplicators which we can run in the newsletter and make available to those who need MII duplication services. Please contact the Association to be included in the listing.

Currently our list includes:

Action Video Productions, Greenville, SC (803)297-8865
Advanced Audio Video, Denver, CO 800-668-0406
American Magnetic Media, Denver, CO 800-USA-TAPE
AME, N.Hollywood, CA 800-336-3827
CenterCom, Milwaukee, WI (414)353-2001
Copymaster Video, Villa Park, IL (708)279-1276
ECI, Dallas, TX 800-880-9400
Global Vision, Reisterstown, MD (301)356-6715
Industrial Audio Video, Houston, TX (713)535-2375
Industrial Communications, Birmingham, AL (205)942-0132
MagneTech, Ft. Lauderdale FL 800-683-DUPE
Media Concepts, St. Petersburg, FL (321)2122
Multi-Magnetics, Denver, CO (303)825-7768
Video Duplication, Atlanta, GA 800-235-9732
Video Duplication Services, Columbus, OH (614)221-0899
Videoland, Lacey, WA (206) 491-1332
Video Replay, Chicago, IL (312)461-0425
Video Transfer, Rockville, MD (301)881-0270
Wilderness Productions, S. Lake Tahoe, CA (800)874-7488
in CA (916)577-3008

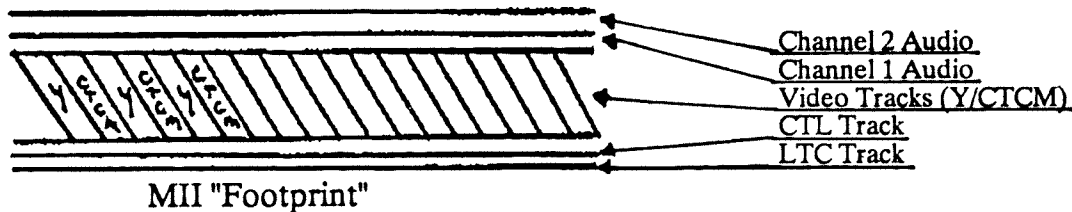
If your company isn't listed here and should be, please call Debbie (800)966-1030.

*If you have any recent happenings, send us your press release or fill out one of our press release forms, we'll print it in the "MII Playback" and forward the releases to the trade magazines that we deal with. Please mail or fax your information to the association. Fax (703)339-0764
MII Users Association of America
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The MII Tech Dude

This month we introduce a new feature, The MII Tech Dude. Here the MII Tech Dude will try to answer your MII technical questions and address issues of general interest regarding MII.

Muddy Audio (especially channel 2 only)



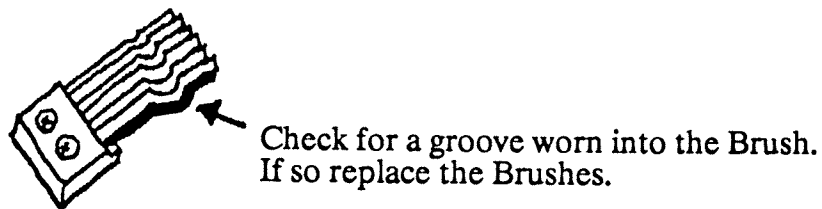
99% of the time, this is due to improper A/C Head Cleaning. Because of the Firing Plate of the A/C Head, Its a little difficult to get up under the Fix Plate to reach the channel 2 head. Use a Texwipe or chamois cloth with alcohol to clean the head (refer to the May 1991 newsletter or Panasonic Technical Bulletin TB90-100).

False Drop-Outs

Sometimes MII Users will see what they think are dropouts, and after cleaning the heads, the "Dropouts" are still there. Usually, the "Dropouts" will look like white "Sparkles" or short thin black lines. (see below)



This is Brush Noise. At this time you should clean the Brush unit and Slip Ring Assembly. You should also check for wear on the Brushes.



Some units that don't have A/T heads use an Earthing Brush and Earthing Ring Assembly (AU 62, 65, 620, 640, 410, 520, etc.). These Earthing Brushes still should be cleaned, because the same symptom will occur. (Refer to the May 1991 newsletter or Panasonic Technical Bulletin TB90-100)

Please send or fax your questions for The MII Tech Dude to the Association. Fax (703)339-0764 MII Users Association of America, c/o Gardy-McGrath Int'l Inc., 8580 Cinderbed Rd., Suite 1000, Newington, VA 22122, Attn: Debbie

MII's ADVANTAGES AND COMPARISONS TO OTHER PRODUCTS

Excerpts from a presentation given at a dealer sales meeting, by Mr. William Bakonyi, Panasonic Marketing Manager, Digital & MII VCR's, in Orlando, Florida.

1. MII is an established and proven 1/2" format. There are now over 25,000 MII delivered to the market, NBC alone has over 1,100 units in service. Additionally MII's international acceptance includes: Thames (England), ORF (Austria), NHK (Japan), KBS (Korea), NOS (Holland). Domestically, the list of MII users is impressive, since many large broadcast group owners have adopted MII as their format of choice for acquisition, production and airing. A small sampling of these is: Scripts Howard, Knight Ridder, Media General, Multi-Media, TV Chronicle, Gannett, Koplar and Guy Gannett Broadcasting Services.
2. MII uses a much smaller tape cassette than Beta SP (both size cassettes), therefore less storage space required for 60 and 90 minute tapes. Also, the 20 minute small cassette is easier to handle in the field. MII tape is available from Panasonic, Fuji, 3M and Maxell.
3. MII employs a more rugged and durable construction as compared to betacam SP. MII's transport base (Chassis) is heavier and more rugged. Reel Drive motors are rigidly mounted to the transport assembly and do not have to be moved at all to accommodate different size cassettes. On Beta SP units the reel motors are repositioned when you go from one cassette size to another. This movement of the reel motors creates another area for mechanical failure.
4. MII VTRs use amorphous heads. MII has a significantly longer head life cycle than Beta SP products. Typical MII head life is between 2,000 to 3,000 hours. Betacam SP is between 500 to 1,500 hours. This is exacerbated by switching between metal particle and metal oxide tapes.
5. The MII recording system employs a 2.25MHz analog burst signal inserted in front of both compressed chroma components (luminance also). This 2.25 MHz signal is used as a phase and timing reference when the composite signal is recreated. This enhances the quality of the video output, improves multiple generations, and reduces the velocity errors effects along the TV line.
6. In the MII system, the TBC uses a digital sampling rate of 13.5 MHz, which is compatible with the CCIR digital sampling rate of 27 MHz. This makes a digital, or D1 output simple to accomplish.
7. For many years, the MII format was the only one that was capable of recording 90 minutes in the field. Sony has recently introduced a new portable that now records 90 minutes, but its cost is approximately 45% greater than the AU-520.
8. All MII VTRs utilize direct drive motors. Betacam SP uses these direct drive motors only in the studio machines.
9. All the posts used in the MII tape transport system have ball bearings. This is not the case with Beta SP. This results in a more precise and gentler tape handling.
10. The MII system users ceramic edged guideposts, despite their comparatively higher cost, to resist abrasion and wear caused by the tape edges. This type of wear will affect interchangeability. This is especially important in the use of metal particle tape which can cause more severe wear than Oxide formulation. There are no ceramic posts used in the Beta SP format.
11. Closed tension control in both the supply and the take-up sides of the tape transport. Applied to both the supply reel and the take-up reel, a stable tension control is achieved not only in play mode, but in FF, REW, Slow and Still modes as well. Beta SP provides controls only on the supply reel.
12. MII portable VTRs use the same type of control method that the Beta SP studio machines use, namely the supply side. Conversely, the Beta SP portables use the brake band method that is found in many ordinary consumer type VCRs. This is subject to fluctuations in tape tension caused by time, environmental factors as well as simple wear.

MII & MAC GRAPHICS

by Jim Wine,
2 PM Multimedia Production

There are growing numbers of video productions using the Macintosh for specialized tasks: 2D & 3D paint and animation, character generation, audio sweetening, even logging and editing.

Within the array of MAC tools there are a variety of levels, from consumer to broadcast quality. If there is any single problem budding desktop video producers have, it is matching up the computer system with the appropriate level of video equipment. It is not uncommon to see \$20,000 of MAC hard & software paired with Sony consumer cameras and VCRs. Imagine it: 16 million colors on 8mm tape. The flip side is using an MII through a composite computer system. Both are mismatched.

A MAC equipped with a NuVista= videographics board (Truevision's Mac hybrid of their ATVista & Targa+) produces broadcast graphics. It matches up perfectly with the new MII's. More so than either Beta SP, broadcast or industrial. In the transcoding from RGB to YUV Betacam can record up to 75% of the color bar level, the same level for color in composite encoded recorders. MII records up to 100% color bar level. The RGB signal generated from the NuVista+, once transcoded to MII's YUV, yields incredible quality for the cost. If you get into computer graphics, you might as well output to a format that can deliver as much of the computer potential as possible. For the cost and quality the MII is the best choice.

Going from the computer's RGB environment to NTSC's YUV does have its share of problems. A 32 bit color environment is too hot for NTSC. Computers were designed to display sharp crisp images. Some colors combinations simply can't be translated. Television standards make them more receptive to soft, pastel images. Because of the way color is encoded NTSC has trouble dealing with abrupt changes in color horizontally. The artifacts known as chroma crawl become apparent.

The object then is to reduce the problem and that is often done using borders. Dark gray or black work best because they separate colors with a signal that has luminance but no chroma. You might even produce a 1 pixel luminance line, especially at high resolutions. Broadcast like this, the thin line is reduced to 1/4 pixel, making it invisible but still serving the purpose of eliminating the artifacts.

Here are some quick rules to help you avoid typical computer RGB to NTSC problems: one pixel width lines, often in serif typefaces can cause interlace flicker; avoid cyan and magenta-they look great in hi-res and awful on TV; avoid fully saturated colors-even though legal, fully saturate reds or whites will cause them to overload the TV RF signal and cause interference; no pure whites-use 80%; never use pure white over pure black-it will produce audio interference on some TVs; standard Mac resolution of 640x480 is not legal NTSC-too much blanking; use either 648x486, 720x486, or 756x486-but pay attention to the aspect ratios!

Given all the possible problems in translating RGB to MII's YUV, the computer desktop is still an efficient platform to produce the kind of graphics that sharpen any production. And now, with greater use of the Mac in video, software tools like special NTSC palettes, filters, gamma and color correction are making the task much less arduous.

MII Trading Post

Panasonic AU-650, MII Studio recorder/editor, Low hours all updates and documentation included (2 available) call for price and specifics. Unitel Video, Mark Miller (213)878-5800, 9:00am to 6:00 pm Mon-Fri PST.

Panasonic AU-63, MII Studio Player, Demo, \$10,000.00, **Panasonic AU-65, MII Studio recorder/editor**, Demo, \$10,000.00, **Panasonic AU-60, MII Studio** Low hours with time code, \$10,000.00. Contact Jack Miller at (914) 592-4151 (NY)

Panasonic AU-650, MII Studio recorder/editor, 200 hours, (2 available), asking \$10,000.00. **Panasonic AU-500, MII Portable**, (1 available) Includes Portabrace, power supply, batteries and some tapes, asking \$5,000.00. Contact David Claybaugh at (513) 738-0880 (OH)

Panasonic AU-500, MII Portable, less than 100 hours on the heads \$9,000.00. We are selling our entire inventory of video equipment. All items are in excellent condition. The prices are negotiable, many items have been used only once, we are willing to sell the entire inventory at a special price. Other equipment available; Sony M-7 camera, \$9,500.00, AG-7400 SVHS recorder \$1,600.00. Accessories are also available, space limitations prevent listing them all here. For further information please contact William L. Gosa, Jr. O/(612)736-4815, H/(612)698-3379 (MN)

Panasonic AU-650, Studio recorder/editor, with auto tracking, TBC, TC for slow motion and still, low hours, excellent condition. \$23,500.00 plus shipping. **JVC KR-M 460U MII Portable- 3-years old, low hours, excellent condition. Can be used as source in edit configuration. Battery pack, charger-AC, Portabrace case. \$6,700 plus shipping. (206) 322-6555 Tom Kramer 8:30-5 PST (WA)**

Panasonic AU-65, Studio Recorder/Editor, \$11,200.00. **Panasonic AU-520, Portable MII** \$9,200.00. **Panasonic AU-63, MII Player w/ AT**, \$11,600.00. **Panasonic AU-410, MII Camera Recorder**, \$7,600.00. **Panasonic AU-S400, VTR Adaptor for the AU-410 Camera Recorder**, \$2,200.00. **Panasonic AU-B110, AC Adaptor**, \$630.00. Demo equipment, all equipment plus shipping. For further information, contact Carter Kaufmann, Professional Products (301) 657-2141 (MD)

JVC KR-M260 (91) Dockable MII Deck, attached to a **JVC KY-25 (91) Camera**. Deck has less than 10 hours, Camera less than 90 hours. Lots of accessories (batteries, Portabrace cover, Adaptors). Please contact Mitch Schaffer, Innisbrook Resort (813)942-2000 ext. 5290 (FL)

Panasonic AU-B110, 10 amp/12v power supply. Brand new, never removed from factory sealed box. From Midwest Comm. liquidation sale. \$790.00 retail, will sell for **\$300.00**. Contact Russ Beckner, **rdp productions, inc.** (513) 422-9552 (OH)

MII Tape - New & Used, NEW: 2 AU-MPSCL Panasonic cleaning tapes, 15 AU-M20S Panasonic MII 20 min. tapes, 25 AU-MPL30 Panasonic MII 30 min. tapes, 1 Fuji MII 90 min. tape. USED: 2 AU-MPSCL Panasonic MII cleaning tapes, 1 VFM7085EAC Panasonic MII Alignment tape, 2 Panasonic MII 60 min. tapes. For further information please contact Joe Gora, Atlanta Video Production Center, Inc., 404-355-3398.

Wanted, One or two, Panasonic AU-IA30 serial to parallel converters originally manufactured for use with Panasonic MI AU-300. Please call Gary Lord (310) 825-0448.(CA)

Do you have used MII videotape that you don't know what to do with? *Carpel Video buys used MII videotape*, contact them at (800) 238-4300, fax (301) 694-9510.

New MII Tape-Now Magnetech is offering MII Videotape for sale, all lengths, in stock, for further information contact Michael Pardo at MagneTech (305) 791-6711. (FL)

If you have equipment you would like included in the next Trading Post, please contact us in writing, either by fax or mail at MII Users Association of America, c/o GMG International Inc., 8580 Cinderbed Rd. Suite 1000, Newington, VA 22122, Attn: Debbie. Fax (703) 339-0764. Please contact us when the equipment is sold.

Also Available for A Limited Time Only:

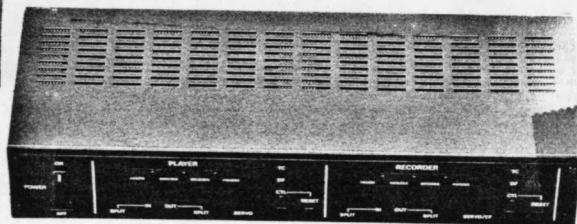
AU-TB50B - Digital Component TBC for the AU-500, AU-520 and AU-520S. Brand New
List Price \$10,000 *Offered at \$5,500*

AU-A50 - Portable Edit Controller-Built in Color bar and Black burst generator Time code editing and color framing, RS-422A control ports, one event memory, preroll time is selectable (from the front panel): 3, 5, 7 or 10 seconds, 8 digit LCD display to display tape time as well as Edit IN/Out (TC or CTL). Jog, Variable and Shuttle control with knob. Audio Split Editing. Editing functions include: Preview, Review, Go To, Auto-Edit and Trim, Assemble/insert selection with Video, Audio 1 or 2 or both or time code. Brand New.
List Price \$3,500 *Offered at \$1,750*

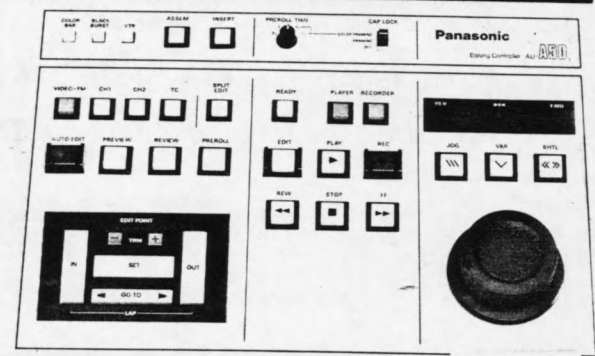
For further information on these items, please call Debbie at the Association Headquarters (800) 966-1030 or fax inquiries to (703) 339-0764.



AU-TB50B



AU-A50



Monthly Survey Results

Each month the users association will poll users on specific MII issues and publish the results in the next newsletter. In last months issue we asked questions concerning technical issues raised by the membership over the past year.

1. When recording several actors or talent, do you combine audio to one channel or do you isolate all sources to separate channels?

Combine 26.83% Isolate 73.17%

2. If you isolate, would you like to see four (4) source audio channels on PC based offline systems?

Yes 75% Not Necessary 25%

Comments: Most "higher end" units have it.(GVGIPS/GVG131)

3. a. How often do you clean the heads on your MII Studio VCRs?

*11.76% 0-10 hours of use 41.18% 10-25 hours of use
44.12% 25 or more hours of use 2.94% N/A*

b. How often do you clean the heads on your MII Portable VCRs?

*11.76% 0-10 hours of use 29.41% 10-25 hours of use
38.24% 25 or more hours of use 20.59% N/A*

Comments: * Cleanliness is next to Godliness when avoiding dropouts!. * We hardly ever find them dirty... * Usually I clean the studio VCRs once a week. I believe over cleaning will wear out the heads sooner. * How often is cleaning recommended, I need a video showing how.

4. When you record audio for later MII post production, do you use you FM audio track (ch. 3 & 4), or conventional linear audio (ch. 1 & 2)? check all that apply

31.11% FM audio (ch. 3 & 4) 68.89% Conventional linear audio (ch. 1 & 2)

Comments: FM audio freq. response good, but has lots of H.F. switching noise! * Linear is easy to find on search for 80% or less. * One backs up the other, HI FI for music. * Edit to linear-final output on FM.

5. a. Do you notice more tape dropouts in the winter or the summer on your MII Studio VCRs?

9.09% winter 12.12% summer 48.48% neither 27.27% year round 3.03% N/A

b. Do you notice more tape dropouts in the winter or the summer on your MII Portable VCRs?

6.06% winter 6.06% summer 39.39% neither 27.27% year round 21.21% N/A

Comments: * Florida humidity makes tape sticky, they become dust magnets. * Remember: Tape stock does not last forever! Throw out stock when you notice drop out count increasing. Tape is cheap... your work is not! * I left Sony 3/4" due to dropouts. MII is super. * It would be nice to have a DOC on/off switch to evaluate tapes. * Tape dropouts have never been a problem with MII.

6. What source footage are you using in post production? check all that apply:

*26.23% MII 2.46% Betacam 5.74% Betacam SP 18.85% 3/4-inch 7.37% 3/4-inch SP
7.37% 1-inch 11.48% SVHS 6.56% Hi-8 3.28% 8mm 9.01% VHS 0.82% MI
0% D1 0% D2 0% D3 0.82% N/A-don't post produce*

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3401 Brook Rd
Richmond, VA 23227
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Richmond, VA 23226
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1925 Westmoreland St
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Camera Corner Inc.
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CKSH-TV
Marcel Aganier
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J1L 1Z9

CKTM-TV
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If you are not currently a member of the MII Users Association of America and would like to join, please contact us by phone, fax or mail at:

MII Users Association of America
c/o GMG International, Inc.
8580 Cinderbed Road, Suite 1000
Newington, VA 22122
Attn: Debbie
(800) 966-1030, (703) 339-8500
fax (703) 339-0764

Monthly Survey Questions

Please respond!

Each month the users association will poll users on specific MII issues and publish the results in the next newsletter. In this issue we are asking questions concerning Panasonic Technical. In order to do a fair and accurate survey, we need your help. Please send in your survey responses as soon as possible. Thank you.

1. Based on your past experience, how would you grade the service and support available for you MII equipment?

☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ N/A

Comments

2. Have you noticed a change in service support for your MII equipment since the institution of the new 1-800 number and new enhanced Panasonic service program at the beginning of the year?

☐ More Support ☐ No Change ☐ Less Support ☐ N/A

Comments

3. Do you feel there is adequate MII tape availability in your geographic area, for quick response requirements?

☐ Yes ☐ No ☐ No Opinion

Comments

We would sincerely appreciate it if you responded to these questions, either by mail, phone or fax as soon as possible. Thank you for your input. 24 hour fax line (703) 339-0764 Phone (800) 966-1030 or (703) 339-8500 or Mail to:

MII Users Association of America
c/o GMG International, Inc.
8580 Cinderbed Rd., Suite 1000
Newington, VA 22122
ATTN: Debbie

Optional:

Name _____

Company _____

Phone _____

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